

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/00057

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04N7/26 H04N7/24 G06T1/00 G11B20/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G06T G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	EP 1 253 784 A (MICROSOFT CORP) 30 October 2002 (2002-10-30) page 4, line 10 -page 14, line 46 ---	1,9,10, 13
Y	US 6 314 192 B1 (WORNELL GREGORY W ET AL) 6 November 2001 (2001-11-06) column 9, line 11 -column 9, line 18 column 17, line 9 -column 23, line 9; figures 5,6 ---	1-13
Y	CHEN B ET AL: "Quantization index modulation: a class of provably good methods for digital watermarking and information embedding" ISIT 2000 SORRENTO ITALY, 25 - 30 June 2000, page 46 XP010509920 SORRENTO ITALY the whole document ---	1-13
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

14 April 2003

Date of mailing of the international search report

25/04/2003

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CHEN B ET AL: "Achievable performance of digital watermarking systems" MULTIMEDIA COMPUTING AND SYSTEMS, 1999. IEEE INTERNATIONAL CONFERENCE ON FLORENCE, ITALY 7-11 JUNE 1999, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 7 June 1999 (1999-06-07), pages 13-18, XP010342868 ISBN: 0-7695-0253-9 the whole document ---	1-13
A	CHEN B ET AL: "Digital watermarking and information embedding using dither modulation" MULTIMEDIA SIGNAL PROCESSING, 1998 IEEE SECOND WORKSHOP ON REDONDO BEACH, CA, USA 7-9 DEC. 1998, PISCATAWAY, NJ, USA, IEEE, US, 7 December 1998 (1998-12-07), pages 273-278, XP010318336 ISBN: 0-7803-4919-9 the whole document -----	1-13

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Information on patent family members

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